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云南山地雨林大戟科一新种*

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A NEW SPECIES OF EUPHORBIACEAE FROM YUNNAN MOUNTANE RAIN FOREST

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Key words Euphorbiaceae; *Excoecaria*; *E. yunnanensis*
关键词 大戟科;海漆属;云南海漆

云南海漆 新种 图1

Excoecaria yunnanensis Y. H. Li et J. C. Xu, sp. nov.

Haec species *E. agallochae* affinis, sed foliis integrrimis inflorescentiis ♂ racemosis circ. 2 cm longis, bracteis late ovatis et bracteolis lanceolatis, capsulae valvislignosis, extus manifeste reticulatis, pedicellis fructiferis 3～5 cm longis, sursum gradatim incrassatis differt.

Arbor sempervirens usque ad 12～20 m alta, ramosa; ramuli graciles longitudinaliter striati, brunnei. Folia chartacea vel subcoriacea, oblongo-elliptica, oblonga vel oblongo-lanceolata, 5～9 cm longa, 1. 5～3 cm lata, apice acuminata subfalcata obtusa, basi cuneata, margine integra, utrinque glabra, interdum supra sparse albo-villosa et nigro-punctata, costa supra leviter impressa, subtus prominente, nervis lateralibus 14～18-jugis, gracilibus, procul a margine anastomosantibus, cum nevulorum retibus utrinque manifestis; petioli 5～7 mm longi, supra sulcati. Flores unisexuales monoecii. Infloresentiae ♂ dense racemosae, terminales et axillares, circ. 2 cm longae, quisque flos staminatus basi bractea 1, late ovata longe acuminata et bracteolis 2 lanceolatis omnibus intus basi utrinque 1-glandulosis praeditus, pedicellis non ultra 1 mm longis. Sepala 3, subrotundata. stamina 3, filamentis liberis, basi connatis, antheris globosis dehiscentibus lateralibus. Flos pistillatus non visus. Capsula solitaria vel gemella, depresso-globosa, extus manifeste reticulata, 3-locularis, quoque loculo monospermo bivalvato, interdum tantum loculo uno vel eis duobus fertilibus, columela persistente late trigona circ. 1 cm longa, pedicello frutifero 3～5 cm longo, sursum gradatim incrassato; semina ellipsoidea, 5～10 mm longa, circ. 6 mm diam, extus nitida et nigro-

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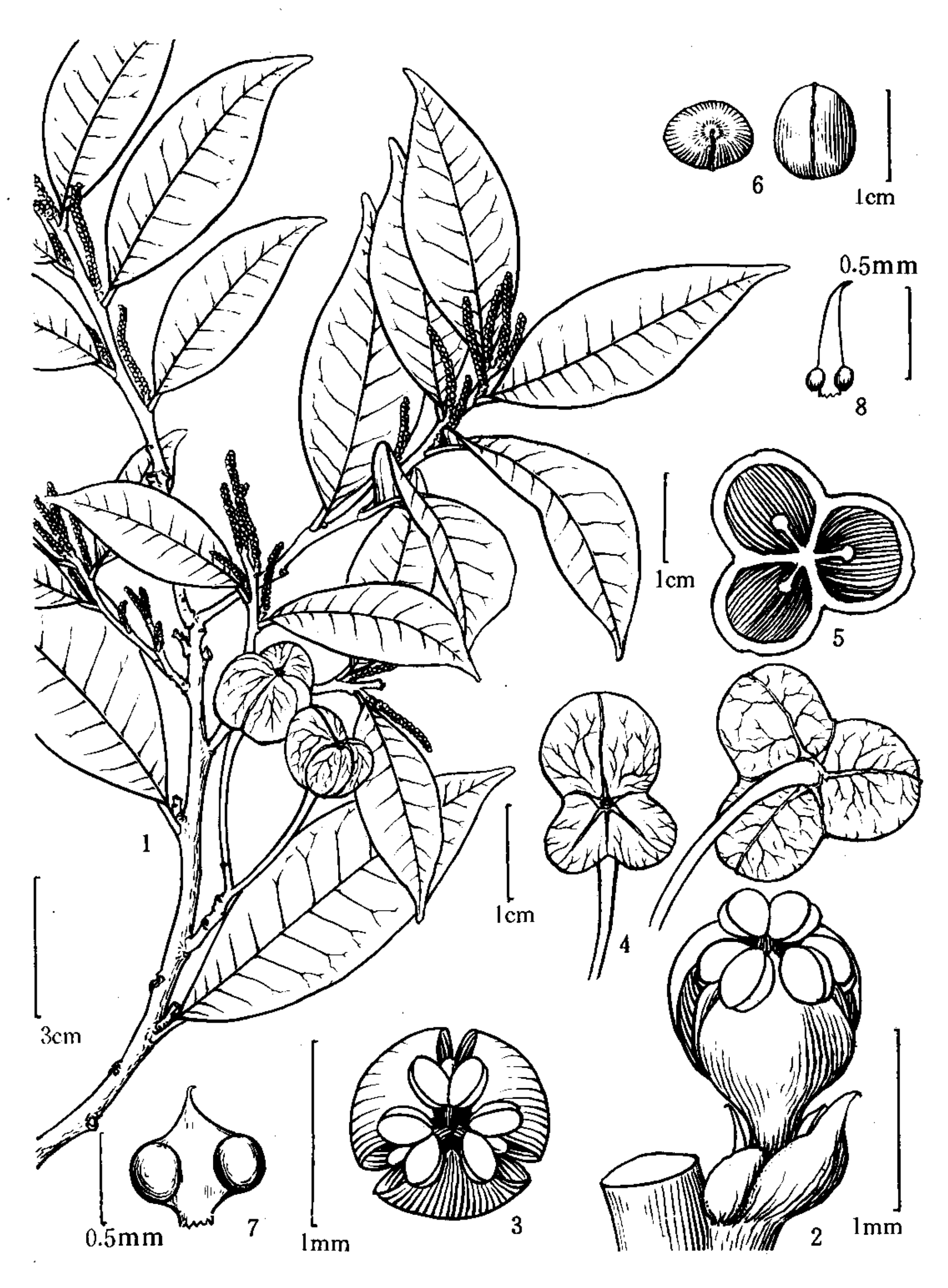


图 1 云南海漆 1. 花果枝; 2. 雄花序一段; 3. 雄花; 4. 蒴果; 5. 子房横切面,示胚珠着生方式; 6. 种子; 7. 苞片; 8. 小苞片。(刘怡涛绘)

Fig. 1 *Excoecaria yunnanensis* Y. H. Li et J. C. Xu 1. flowering and fruiting shoots; 2. a part of male inflorescence; 3. male flower; 4. capsule; 5. cross section of ovary, showing insertion of ovules; 6. seeds; 7. bract; 8. bractlet.

punctata.

Yunnan(云南): Xishuangbanna(西双版纳), Jinghong(景洪), Mengsong (勐宋), alt. 1750 m, in montane rain forests, shandy and moist place, 1978-10-14, G. D. Tao(陶国达)21718 (Fl. and Fr.) (holotype, KUN); ibid. Biological Diversity Exped. 2398(Fr.)

常绿乔木,高12～20 m,分枝多,小枝纤细,具纵条纹,暗褐色。叶纸质或近革质,长椭圆形、长圆形或长圆状披针形,长5～9 cm,宽1.5～3 cm;先端渐尖,微镰形,钝头,基部楔形,全缘;两面无毛,有时上面疏被白色长柔毛和黑色斑点;中脉在上面下陷,背面隆起,侧脉纤细,14～18对,未达边缘处网结,侧脉和网脉两面明显;叶柄长5～7 mm,上面具沟槽。花单性同株;雄花多数组成密集的总状花序,顶生和腋生于当年生枝条,长约2 cm;每雄花基部具苞片1枚,宽卵形,长渐尖;小苞片2枚,披针形;苞片和小苞片里面基部两侧各具1腺体;花梗长不到1 mm,花瓣缺;萼片3,近圆形;雄蕊3,花丝分离,基部合生;无退化雌蕊;花药球形,侧面开裂;雌花未见。蒴果1或2着生于老枝,扁球形;3室,有时仅1或2室发育,径约1.5 cm,外面具明显的网纹,每室开裂为2果瓣,具种子1枚,中轴宿存,宽三棱形,长约1 cm,柄长3～5 cm,向上渐粗;种子椭圆形,长8～10 mm,径约6 mm,外面有光泽和黑褐色斑点。花期10月,果期4～5月。

本种与*E. agallocha* Linn. 相似,不同点在于本新种的叶全缘,雄花序总状,长约2 cm,苞片宽卵形,小苞片披针形;果瓣木质,外面具明显的网纹,柄长3～5 cm,向上渐粗。